



DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
WASHINGTON, DC 20380

MCO 3470.3
SSCGP
6 Nov 91

MARINE CORPS ORDER 3470.3

From: Commandant of the Marine Corps
To: Distribution List

Subj: MATERIEL FIELDING PLAN (MFP) FOR THE EXTREME COLD
WEATHER SLEEP SYSTEM (ECWSS)

Ref: (a) MCO P4105.3

Encl: (1) Materiel Fielding Plan for the Extreme Cold Weather
Sleep System (ECWSS)

1. Purpose. This MFP is published in accordance with the provisions of the reference. It is intended to serve as a single, stand-alone document which consolidates all actions, schedules, procedures, requirements, and information necessary to ship, receive, deploy, and sustain the ECWSS.

2. Information. The ECWSS is a sleeping system to provide protection in the climatic range of -60 oF to +40 oF. The sleep system consists of sleeping bag, stuff bag, bivy cover, and hood and sock set.

3. Action. The commanders of each organizational element concerned shall ensure implementation of the provisions of the Order.

4. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

R.A.T.I.E.

R. A. TIEBOUT
By direction

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MATERIEL FIELDING PLAN
FOR THE
EXTREME COLD WEATHER SLEEP SYSTEM
(ECWSS)

1. Introduction

a. Source of Requirement. The Marine Corps is researching sleep systems to fulfill the requirements for the Extreme Cold Weather Sleep System (ROC Log 1.60). Movement in extreme cold weather conditions and in snow-covered terrain requires increased effort. Additionally, metabolism must increase merely to maintain requisite body temperature. This marked increase in exertion necessitates an increase in rest periods to maintain combat effectiveness. When Marines are immobile for extended periods, they are the most vulnerable to the cold. The ECWSS will facilitate proper rest and provide protection from the harmful effects of extreme cold.

b. Points of Contact

<u>Title</u>	<u>Name</u>	<u>Code</u>	<u>Telephone</u>
Program Manager	Mr. D. A. Davis	SSC	(703) 696-1148 DSN 226-1148
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Project Officer	Maj J. J. Egan	SSCGP	(703) 696-1150 DSN 226-1150

c. Fielding Methodology

(1) General Fielding Plan. The ECWSS will be fielded horizontally to those units shown in appendix A. They will be purchased per appendix B.

(2) Method of Fielding. The ECWSS will be force-fed directly from the Source of Supply by COMMARCORLOGBASES, Albany. Therefore, the submission of requisitions for the ECWSS will not be required.

d. Replaced Systems Equipment. The ECWSS will replace the Sleeping Bag, Extreme Cold Weather (TAMCN V4620 IIF), NSN 8465-01-033-8057. Disposition of the replaced items should be through the Materiel Returns Program to the Source of Supply.

ENCLOSURE (1)

2. System Description

a. Administrative Information

- (1) Nomenclature: Extreme Cold Weather Sleep System
(ECWSS)
- (2) TAMCN: V4625 IIF
- (3) SAC: 1
- (4) NSN: 8465-01-306-2681
(Bag, Stuff NSN 8465-01-305-6360)
(Hood and Socks Set NSN 8465-01-305-6359)
(Sleeping Bag, NSN 8465-01-305-6991)
(Cover, Bivy, NSN 8465-01-305-4688)
- (5) Unit of Issue: Each
- (6) Unit Cost: \$190.95
- (7) Support Cost: Not applicable
- (8) Petroleum, Oil, and Lubricants: Not applicable
- (9) Equipment Density: Normal
- (10) Readiness Reporting: Not applicable
- (11) ID Number: 09331A

b. Physical Characteristics

- (1) Length: 83 in
- (2) Width: 35 in
- (3) Square: 1.75 sq ft boxed
- (4) Cube: 1.66 cu ft
- (5) Weight: 8 lbs 11 oz

c. Operational Characteristics. The ECWSS will provide the Marine with a lightweight 100 percent synthetic sleeping system to provide protection in the climatic range of -60 oF to +40 oF. The system consists of four items: Sleeping bag, nylon stuff bag, bivy cover and synthetic fiber pile hood and sock set.

d. Associated Systems/Equipment. The ECWSS will be designed to function with the Extended Cold Weather Clothing System.

3. Logistic Support

a. Maintenance Support. Maintenance on the ECWSS will be primarily preventive maintenance (PM). PM will include cleaning and examination for serviceability. For further information regarding maintenance repair performed at FSSG see Technical Manual TM 10-8400-203-23, "General Repair Procedures for Individual Equipment" 7 May 90, chapter 20.

ENCLOSURE (1)

- b. Contractor Support Requirements. Not applicable.
- c. Manpower, Personnel, and Training. No special personnel or training requirements are anticipated for the introduction of the ECWSS. No additional manpower requirements will be imposed by the introduction of this item.
- d. Supply Support. Not applicable.
- e. Support Equipment. Not applicable.
- f. Technical Publications. An SL-3-09331A, PCN 123 09331000, will be available and distributed during the 4th Qtr FY91.
- g. Computer Resources Support. Not applicable.
- h. Facilities. Not applicable.
- i. Packaging, Handling, Storage, and Transportation (PHST). PHST will be in accordance with MIL-S-44361.
- j. Warranties. There is no warranty.

4. Actions Required to Place Equipment in Service

- a. Gaining Commands. Depending on method of shipment and packaging, material handling equipment (MHE) may be required for unloading the ECWSS. The ECWSS will be receipted for per instructions contained in MCO P4400.150C and defect reporting/preventative maintenance will be performed per current supply directives. Disposition of the replaced items will be conducted per current supply directives.
- b. COMMARCORLOGBASES, Albany. Procure and effect distribution of the ECWSS to gaining commands.

ENCLOSURE (1)

LIST OF ALLOWANCES

<u>T/E No</u>	<u>AAC</u>	<u>NAME OF UNIT</u>	<u>ALLOWANCE</u>
5140	M54900	MarBks WashDC	540
6502	M53530	MCSF Bn, (Lant)	323
6503	M53410	MCSF Bn, (Pac)	175
7671	M33610	MCMWTC	300
N0001	MMC199	I MEF	3,800
N0002	M93135	II MEF	5,000
N0003	MMR690	III MEF	3,000
N0004	MMK107	1st MARBDE	800
N0005	M96221	4th MARDIV	4,500
N0006	M03031	4th MAR/MARTC	150
W1172*	MMV420	H&S Co, Inf Bn Inf Regt/PREPONOR	100/300

* NOTE - PREPONOR is configured in 3 Inf Bns

DELIVERY SCHEDULE

<u>T/E NO</u>	<u>PLANNED FY93</u>				<u>PLANNED FY94</u>				<u>PLANNED FY95</u>			
	<u>By QTR</u>				<u>By QTR</u>				<u>By QTR</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
5140	195											345
6502	120											203
6503	175											
7671	300											
N0001	784	1574	1442									
N0002			132	1574	1574	1574	146					
N0003							1428	1572				
N0004								2	798			
N0005								776	1574	1574	576	
N0006												150
W1172												300

Appendix A to
ENCLOSURE (1)

SCHEDULE OF EVENTS

Planned Inventory Objective:

Planned Asset Dynamics:	FY90&91	FY92	FY93	FY94
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Planned Procurement Schedule:	18,888			
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Planned Issue to the Field:		6,296	6,296	6,296
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Scheduled Delivery: Initial deliveries are scheduled to begin
1st Qtr FY93.

Appendix B to
ENCLOSURE (1)